Docket No. 1004451.001US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Naoko Horikoshi

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Khatol S. Shahnan Shah

For:

METHOD OF MULTIPLEX MICROORGANISM DETECTION

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Responsive to the Non-Final Official Action dated July 28, 2010, the applicant(s) respectfully requests reconsideration in view of the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An **Appendix** including (1) Exhibit A - Principles of General Chemistry by Silberberg (Section on "Buffer Capacity and Buffer Range"), and (2) Exhibit B – Nilsen et al., *Applied and Environmental Microbiology* 69(5) 2975-2984, 2003 is attached following page 16 of this paper.